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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 1

Complete If Known

Application Number	10/097,302
Filing Date	March 15, 2002
First Named Inventor	G. Kirk
Art Unit	1744
Examiner Name	Unassigned
Attorney Docket Number	11641/96

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
NAB	1	US- 5,514,655	05/07/96	Springer et al.	<div style="font-size: 4em;">X</div>
NAB	2	US- 6,027,873	02/22/00	Schellenberger et al.	
		US-			
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FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
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Examiner
Signature

/Nathan Bowers/

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09/26/2006

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT PTO FORM 1449 Page 1/1	ATTY. DOCKET NO. 11641/96	SERIAL NO. 10/097,302
	APPLICANTS G. KIRK et al.	
	FILING DATE March 15, 2002	GROUP 1744

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT/PUBLICATION NUMBER	PATENT DATE	NAME	CLASS	SUBCLASS	FILING DATE
NAB	6,558,904 B2	May 6, 2003	Ermantraut et al.			

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS

EXAMINER INITIAL	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.

EXAMINER /Nathan Bowers/	DATE CONSIDERED 09/26/2006
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT PTO FORM 1449	ATTY. DOCKET NO. 11641/5	SERIAL NO. 09/709,776
	APPLICANTS Kim ENOCH and David DUFFY	
	FILING DATE November 8, 2000	GROUP 1744

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS	SUBCLASS	FILING DATE
NAB	4,240,751	December 23, 1980	Linnecke, et al.			
	4,728,591	March 1, 1988	Clark, et al.			
	4,842,633	June 27, 1989	Kuribayashi, et al.			
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	5,679,310	October 21, 1997	Manns			
	5,691,018	November 25, 1999	Kelley, et al.			
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						YES	NO
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EXAMINER INITIAL	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.

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NAB	5,894,063	April 13, 1999	Hutchens, et al.			
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FOREIGN PATENT DOCUMENTS

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						YES	NO

* - Copy of the search report attached

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NAB	M. Saleemuddin, "Bioaffinity Based Immobilization of Enzymes", Advances in Biochemical Engineering/Biotechnology, 1999, Vol. 64, pp. 204-226
	D.W. Branch et al., "Microstamp patterns of biomolecules for high-resolution neuronal networks", Medical & Biological Engineering & Computing, 1998, Vol. 36, pp. 135-141
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	Rebecca J. Jackman et al., "Fabricating Large Arrays of Microwells with Arbitrary Dimensions and Filling Them Using Discontinuous Dewetting", Anal. Chem., 1998, 2280-2287
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Form 1449 INFORMATION DISCLOSURE STATEMENT BY APPLICANT Page 1/3	ATTY. DOCKET NO. 11641/98	SERIAL NO. 10/097,322
	APPLICANT Gregory KIRK et al.	
	FILING DATE March 15, 2002	GROUP 1744

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS	SUBCLASS	FILING DATE
NAB	6,238,874	05/29/01	Jarnagin et al.	X	X	07/28/99
	6,321,791	11/27/01	Chow			10/04/00
	5,601,997	02/11/97	Tchao			02/03/95
	5,284,753	02/08/94	Goodwin, Jr.			01/15/93
	5,935,850	08/10/99	Clark et al.			09/30/96
	5,302,515	04/12/94	Goodwin, Jr.			08/20/92
	5,422,270	06/06/95	Caspi			05/19/87
	5,744,366	04/28/98	Kricka et al.			11/14/94
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	5,962,250	10/05/99	Gavin et al.			10/28/97
NAB	6,329,201	12/11/01	Wagner et al.			07/14/99

* - If pertinent

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE*	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
NAB	WO 00/07007	02/10/00	US/PCT	X	X	N/A	
	WO 01/70389 A2	09/27/01	US/PCT			N/A	
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	WO 98/07069	02/19/98	US/PCT			N/A	
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* Publication date, unless otherwise indicated



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		"Gradient Micropattern Immobilization of EGF to Investigate the Effect of Artificial Juxtacrine Stimulation", Chen et al.: <i>Biomaterials</i> (2001) pages 2453-2457
		"How to Prepare Tunable Planar Molecular Chemical Gradients", Kirill Efimenko and Jan Genzer: <i>Advanced Materials</i> (2001) vol. 13, no. 20, pages 1560-1563
		"Electroosmotic Properties of Microfluidic Channels Composed of Poly (Dimethylsiloxane)", Ren et al.: <i>Journal of Chromatography B</i> , " (2001) vol. 762, pages 117-125.
		"A Firin or Collagen Gel Assay for Tissue Cell Chemotaxis: Assessment of Fibroblast Chemotaxis to GRGDSP", Knapp et al.: <i>Experimental Cell Research</i> , (1999) vol. 247, pages 543-553.
		"Development and Characterization of an ELISA assay in PDMS Microfluidic Channels", Eteshola et al.: <i>Sensors and Actuators</i> (2001), vol. B72/2, pages 129-133.
		"Rapid and quantitative in vitro measurement of cellular chemotaxis and invasion", Penno et al.: <i>Methods in Cell Science</i> (1997) vol. 19, pages 189-195
		"Hydrodynamic Effects on Microcapillary Motility and Chemotaxis Assays of <i>Methylosinus trichosporium</i> OB3b", Shonnard et al.: <i>Applied and Environmental Microbiology</i> , (1992) vol. 58, no 9, pages 2737-2743
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		"Automated Real-Time Measurement of Chemotactic Cell Motility" Hadjout et al.: <i>BioTechniques</i> (2001) vol. 31, pages 1130-1138
		"Transmembrane Motility Assay of Transiently Transfected Cells by Fluorescent Cell Counting and Luciferase Measurement" C. Battaglia et al., <i>BioTechniques</i> (2000) vol. 29, pages 81-86
		"Experimental/Molecular Therapeutics 27" <i>Proceedings of the American Association for Cancer Research</i> (2001) vol. 42, page 484
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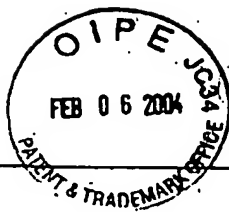


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EXAMINER INITIAL		AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
NAB		"Tumor necrosis factor-alpha decreases neutrophil chemotaxis to N-formyl-1-methionyl-1-leucyl-1-phenylalanine: analysis of single cell movement." Vollmer et al.: Journal of Leukocyte Biology (1992) vol. 52, no. 6, pages 630-636
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		"Micropatterned solid-supported membranes formed by micromolding in capillaries" Andreas Janshoff et al.: Eur Biophys J. (2000) vol. 29, pages 549-554
		"Influence of Technical Parameters on the in Vitro Motility of Equine Neutrophils in the Presence of Streptococcal Culture Supernatant" Blancquaert et al.: Veterinary Immunology and Immunopathology, (1989) vol. 23, pages 85-101
NAB		"Cell Movement Analysis in a Necrotactic Assay" Gruler: Blood Cells (1984) vol. 10, pages 107-121.

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT PTO FORM 1449	ATTY. DOCKET NO. 11641/5	SERIAL NO. 09/709,776
	APPLICANT Enoch KIM and David DUFFY	
	FILING DATE November 8, 2002	GROUP 1744

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS	SUBCLASS	FILING DATE
NAB	4,802,951*	07 February 1989	Clark et al.			
NAB	5,599,695*	04 February 1997	Pease et al.			
NAB	5,512,131*	30 April 1996	Kumar et al.			

* - Copy of the search report attached

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS

EXAMINER INITIAL	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.

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10/688905 NAB

PTO Form 1449 SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT Page 1/1	ATTY. DOCKET NO. 11641/86	SERIAL NO. 10/241,445
	APPLICANT Enoch KIM et al.	
	FILING DATE September 12, 2002	GROUP 1744

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE (MM/DD/YY)	NAME	CLASS	SUBCLASS	FILING DATE
NAB	5,302,515 A	April 12, 1994	Goodwin, Jr.			
NAB	5,422,270 A	June 6, 1995	Caspi			
NAB	5,460,945 A	October 24, 1995	Springer et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE (MM/DD/YY)	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

* English Abstract

** English comments provided on cover sheet.

OTHER DOCUMENTS

EXAMINER INITIAL		AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
NAB		International Search Report, International Application No. PCT/US03/12764, dated August 8, 2003 (3 pages)

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NAB

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* English Abstract

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EXAMINER INITIAL		AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
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NAB		Jian Tan et al., "Micron-Scale Positioning of Features Influences the Rate of Polymorphonuclear Leukocyte Migration", Biophysical Journal (2001) 81:2569-2579
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NAB

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NAB	5,459,068	10/17/95	Madara			11/17/93
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* - If pertinent



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Form 1449 INFORMATION DISCLOSURE STATEMENT BY APPLICANT	ATTY. DOCKET NO. 11641/86	SERIAL NO. 10/241,455
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						YES	NO
NAB	WO 02/03062	10 January 2002	GB				
NAB	WO 93/06835	15 April 1993	US				
NAB	WO 93/17033	2 September 1993	US				
NAB	WO 98/52691	26 November 1998	CA				
NAB	WO 00/7662	17 February 2000	US				

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Form 1449 INFORMATION DISCLOSURE STATEMENT BY APPLICANT Page 3/3	ATTY. DOCKET NO. 11641/86	SERIAL NO. 10/241,455
	APPLICANT Enoch KIM et al.	
	FILING DATE September 12, 2002	GROUP 1744

EXAMINER INITIAL	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
NAB	Folch et al., "Microfabricated elastomeric stencils for micropatterning cell cultures", Journal of Biomedical Materials Research, vol. 52, pgs.346-353 (2000)
NAB	Duffy et al., "Patterning Electroluminescent Materials with Feature Sizes as Small as μm Using Elastomeric Membranes as masks for Dry Lift-Off", Advanced Matters, vol. 11, no. 7, pgs. 546-552 (1999)
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EXAMINER /Nathan Bowers/	DATE CONSIDERED 09/26/2006
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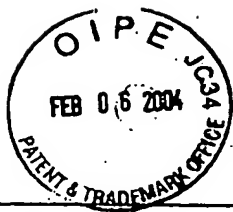
INFORMATION DISCLOSURE STATEMENT BY APPLICANT PTO FORM 1449	ATTY. DOCKET NO. 11641/130	SERIAL NO. 10/206,112
	APPLICANTS Enoch KIM, <i>et al.</i>	
	FILING DATE July 29, 2002	GROUP To be Assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS	SUBCLASS	FILING DATE
NAB	4,240,751	December 23, 1980	Linnecke, et al.			
	4,728,591	March 1, 1988	Clark, et al.			
	4,802,951	February 7, 1989	Clark et al.			
	4,842,633	June 27, 1989	Kuribayashi, et al.			
	4,999,489	March 12, 1991	Huggins			
	5,079,600	January 7, 1992	Schnur, et al.			
	5,143,854	September 1, 1992	Pirung, et al.			
	5,202,227	April 13, 1993	Matsuda, et al.			
	5,324,591	June 28, 1994	Georger, Jr. et al.			
	5,510,481	April 23, 1996	Bednarski, et al.			
	5,512,131	April 30, 1996	Kumar, et al.			
	5,599,695	February 4, 1997	Pease, et al.			
	5,679,310	October 21, 1997	Manns			
	5,691,018	November 25, 1999	Kelley, et al.			
	5,719,060	February 17, 1998	Hutchens, et al.			
	5,776,748	July 7, 1998	Singhvi, et al.			
	5,856,082	January 5, 1999	Aebersold et al.			
	5,894,063	April 13, 1999	Hutchens, et al.			
	5,900,160	May 4, 1999	Whitesides, et al.			
	5,942,443	August 24, 1999	Parce, et al.			
	5,976,826	November 2, 1999	Singhvi, et al.			
	6,001,556	December 14, 1999	Charych, et al.			
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NAB	6,096,510	August 1, 2000	Hochman			



EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS	SUBCLASS	FILING DATE
	4,789,601	December 6, 1988	Banes			
	4,831,869	May 23, 1989	Fowler			
	4,912,057	March 27, 1990	Guirguis			
	5,072,382	December 10, 1981	Kamentsky			
	5,120,662	June 9, 1992	Chan et al.			
	5,224,058	June 29, 1993	Mickaels et al.			
	5,278,063	January 11, 1994	Hubbell et al.			
	5,312,731	May 17, 1994	Engstrom			
	5,330,911	July 19, 1994	Hubbell et al.			
	5,424,213	June 13, 1995	Mougin			
	5,427,663	June 27, 1995	Austin			
	5,470,739	November 28, 1995	Akaike et al.			
	5,492,890	February 20, 1996	Ginsberg et al.			
	5,514,501	May 7, 1996	Tarlov			
	5,573,942	November 12, 1996	Miyamoto			
	5,591,627	January 7, 1997	Miyamoto			
	5,602,029	February 11, 1997	Miyamoto			
	5,721,131	February 24, 1998	Rudolph et al.			
	5,744,366	April 28, 1998	Kricka et al.			
	5,828,776	October 27, 1998	Lee et al.			
	5,840,256	November 24, 1998	Demers et al.			
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EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS	SUBCLASS	FILING DATE
NAB	6,136,592	October 24, 2000	Leighton et al.			
	6,140,045	October 31, 2000	Wholstadter et al.			
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	6,251,672	June 26, 2001	Kubbies et al.			
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	6,280,967	August 28, 2001	Ransom			
	6,329,164	December 11, 2001	Goodwin Jr, et al.			
NAB	6,368,877	April 9, 2002	Zhang et al.			



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INFORMATION DISCLOSURE STATEMENT BY APPLICANT PTO FORM 1449	ATTY. DOCKET NO. 11641/128	SERIAL NO. 10/206/111
	APPLICANTS Enoch KIM, et al	
	FILING DATE July 29, 2002	GROUP To be Assigned

U. S. PATENT DOCUMENTS

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
NAB	EP 1 199 354 A1	March 4, 2002	EP				
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	US 2001 0053527	December 20, 2001	PCT				
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	WO 98/38490	September 3, 1998	PCT				
	WO 98/58967	December 30, 1998	PCT				
	WO 01/70389 A2	September 27, 2001	PCT				
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	WO 00/60356	October 12, 2000	PCT				
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